

TFW

DOCKET #: SVL920030125US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Keshava Murthy Assignee: International Business Machines Corporation
Application No.: 10/775,739 Customer No.: 24852
Confirmation No.: 1539 Group Art Unit: 2171
Filing Date: February 9, 2004 Examiner: Unknown

Title System for Heterogeneous Distributed Transaction Management in Database Systems

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that the above paper/fee is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on: October 28, 2004
Person mailing paper/fee: Debra Renae Fennan Signature: Lila Kinal Saram

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-145

REVOCATION AND POWER OF ATTORNEY

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application and appoint practitioners at

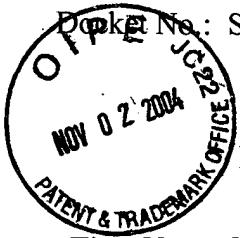
Customer Number : 47,069

as our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected herewith.

Please change the correspondence address for the above-identified application to the above-mentioned Customer Number.

SIGNATURE of Assignee of Record of entire interest (Statement under 37 CFR 3.73(b) is enclosed)

Name	<u>Romualdas Strimaitis</u>	Registration Number: 35,697
Signature	<u>K. Murthy</u>	
Date	<u>10/28/04</u>	
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.		
Total of <u>3</u> forms are submitted		



File No.: SVL920030125US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Keshava Murthy Assignee: International Business Machines Corporation

Application No.: 10/775,739 Customer No.: 24852

Confirmation No.: 1539 Group Art Unit: 2171

Filing Date: February 9, 2004 Examiner: Unknown

Title System for Heterogeneous Distributed Transaction Management in Database Systems

CERTIFICATE UNDER 37 C.F.R. §3.73(b)

INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation organized and existing under the laws of the State of New York, having a place of business at New Orchard Road, Armonk, New York 10504, certifies that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of:

An assignment from the inventor, Keshava Murthy, to International Business Machines Corporation, of the patent application identified above. The assignment was recorded in the U.S. Patent and Trademark office on February 9, 2004, at Reel/Frame 014983/0452 (copy attached).

INTERNATIONAL BUSINESS MACHINES CORPORATION owns 100% interest in the above-identified patent application.

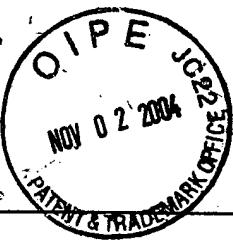
The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, as the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated: 10/28/04

By:

Romualdas Strimaitis, Reg.No. 35,697
Counsel, Intellectual Property Law
International Business Machines Corporation
555 Bailey Ave., J46/G4
San Jose, CA 95141-1003



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UNITED STATES PATENT AND TRADEMARK OFFICE SVL-1011US

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 13, 2004

PTAS

SVL920030125US1

LUMEN
MAREK ALBOSZTA
2345 YALE STREET, 2ND FLOOR
PALO ALTO, CALIFORNIA 94306

RST



102676087A

received

Lumen 8/18/04

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/09/2004

REEL/FRAME: 014983/0452
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: SVL920030125US1

ASSIGNEE:

MURTHY, RAGHUPATHI KESHAVA
INTERNATIONAL BUSINESS MACHINES
CORPORATION
ARMONK, NEW YORK 10504

DOC DATE: 02/06/2004

SERIAL NUMBER: 10775739

FILING DATE: 02/09/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: SYSTEM FOR HETEROGENEOUS DISTRIBUTED TRANSACTION MANAGEMENT IN
DATABASE SYSTEMS

014983/0452 PAGE 2

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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02-20-2004



Attorney Docket No: SVL920030125US1

102676087

N COVER SHEET
FOR ASSIGNMENT OF PATENT

U.S. PTO
31353 10/775739
10/775739



To the Hon. Commissioner of Patents and Trademarks:

Please record the enclosed copy of an assignment document. Relevant assignment data are as follows:

1. Assignors:

Raghupathi Keshava Murthy
35408 Monterra Circle, Union City, California 94587

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2. Assignee:

INTERNATIONAL BUSINESS MACHINES CORPORATION
Armonk, NY 10504

3. Execution Date of Assignment of Entire Interest in Patent Application: February 6, 2004

4. Execution Date of Declaration for Patent Application: February 6, 2004

2 - 9 - 04

4A. Patent Application No.:

4B. Patent Number: Not assigned

10775739

5. Correspondence address: Marek Alboszta
LUMEN
2345 Yale Street, 2nd Floor
Palo Alto, CA 94306

6. Total Number of applications and Patents involved: 1

7. Total fee (37 CFR 3.41): \$40

8. Statement and signature:

To the best of my knowledge and belief, the information contained herein is true and correct,
and any attached copy is a true copy of the original document.

Katharina Wang Schuster
Reg. No. 50,000

Date: Feb. 9, 2004
telephone: (650) 424-0100

Total number of pages including cover sheet, attachments, and document: 2

02/19/2004 LMUELLER 00000156.090460 10775739
01 FC:8021 40.00 DA

Page 1 of 1

Docket No.: SYL920030125US1



ASSIGNMENT

Whereas, I, **Raghupathi Keshava Murthy**
 City of **Union City**
 County of **Alameda**
 State of **California**

Whereas, I,
 City of
 County of
 State of

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 City of
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 State of

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 City of
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 State of

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have invented certain improvements in ~~the invention~~:

System for Heterogeneous Distributed Transaction Management in Database Systems
 and executed a Declaration and Power of Attorney for a United States patent application therefor on

1. 2/6/04

2. _____
 3. _____
 4. _____

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504 (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

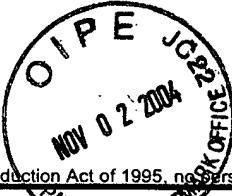
Execution by Inventor

Inventor: Raghupathi Keshava Murthy

Signature: Raghupathi Keshava Murthy

City/State: Menlo Park, CA

Date: 2/6/04

17294 U.S.P.T.O.
202904**BEST AVAILABLE COPY**

PTO/SB/17 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 810)

Complete if Known

Application Number	/
Filing Date	
First Named Inventor	Raghupathi Keshava Murthy
Examiner Name	
Art Unit	
Attorney Docket No.	SVL920030125US1

31353 U.S.P.T.O.
319/775739**METHOD OF PAYMENT (check all that apply)**
 Check Credit card Money Order Other None
 Deposit Account:Deposit Account Number
Deposit Account NameC9 - 04-60
IBM-Silicon Valley Lab

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	770		
1002 330	2002 165	Design filing fee			
1003 520	2003 260	Plant filing fee			
1004 750	2004 375	Reissue filing fee			
1005 160	2005 80	Provisional filing fee			
SUBTOTAL (1)		(\$)	770		

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** =	X	=
			- 3** =	X	=

Large Entity	Small Entity	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	-- 2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$)

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\$)** 40**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Katharina Wang Schuster	Registration No. (Attorney/Agent)	50,000	Telephone	650-424-0100
Signature	<i>Katharina Schuster</i>			Date	<i>Feb. 9, 2004</i>

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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